

IN THE CLAIMS:

1. (currently amended) A temperature control for a washing machine, the washing machine including a tub, a hot water valve, and a cold water valve, said temperature control comprising:

a first pressure sensor positioned to sense a full fill level in said the tub and configured to generate a full fill signal when the tub is full; and

a second pressure sensor positioned to sense an intermediate fill level, the intermediate fill level less than the full fill level and corresponding to an adjustment level in said the tub [[and]], said second pressure sensor configured to generate an intermediate fill signal when the intermediate fill level is reached; and

a controller operatively coupled to said first and second pressure sensors, and said hot and cold water valves, said controller configured to control said valves based on the fill signals from said pressure sensors, said first pressure sensor and said second pressure sensor operatively coupled to the hot water valve and the cold water valve, said first pressure sensor generating the full fill signal and said second pressure sensor generating the intermediate fill signal to facilitate activating the hot water valve and the cold water valve in response to sensed pressure within the tub to control a wash water temperature.

2. (currently amended) A temperature control in accordance with Claim 1 wherein said controller closes said second pressure sensor generating the intermediate fill signal to close the cold water valve in response to the fill signal from said second pressure sensor during a hot fill operation.

3. (current amended) A temperature control in accordance with Claim 1 wherein said controller opens said second pressure sensor generating the intermediate fill signal to open the cold water valve in response to the fill signal from said second pressure sensor during a hot fill operation.

4. (currently amended) A temperature control in accordance with Claim 3 wherein said controller closes said second pressure sensor generating the intermediate fill signal to close the hot water valve in response to the fill signal from said second pressure sensor during a warm fill operation.

5. (currently amended) A temperature control in accordance with Claim 3 wherein said controller opens said second pressure sensor generating the intermediate fill signal to open the hot water valve in response to the fill signal from said second pressure sensor during a warm fill operation.

6. (currently amended) A washing machine comprising:

a tub;

a cold water valve for controlling flow of cold water to said tub;

a hot water valve for controlling flow of hot water to said tub;

a first pressure sensor positioned to sense a full fill level in said tub and configured to generate a full fill signal when the said tub is full; and

a second pressure sensor positioned to sense an intermediate fill level, the intermediate fill level less than full and corresponding to an adjustment level in said tub [[and]], said second pressure sensor configured to generate an intermediate fill signal when the intermediate fill level is reached; and

a controller operatively coupled to said first and second pressure sensors and said hot and cold water valves, said controller operable to control said valves based on the fill signals from said pressure sensors, said first pressure sensor and said second pressure sensor operatively coupled to said hot water valve and said cold water valve, said first pressure sensor generating the full fill signal and said second pressure sensor generating the intermediate fill signal to facilitate activating said hot water valve and said cold water valve in response to sensed pressure within said tub to control a wash water temperature.

7. (currently amended) A washing machine in accordance with Claim 6 wherein said controller closes second pressure sensor generating the intermediate fill signal to close said cold water valve in response to the fill signal from said second pressure sensor during a hot fill operation.

8. (currently amended) A washing machine in accordance with Claim 6 wherein said controller opens second pressure sensor generating the intermediate fill signal to open said

cold water valve ~~in response to the fill signal from said second pressure sensor~~ during a hot fill operation.

9. (currently amended) A washing machine in accordance with Claim 8 wherein said controller ~~closes second pressure sensor generating the intermediate fill signal to close~~ said hot water valve ~~in response to the fill signal from said second pressure sensor~~ during a warm fill operation.

10. (currently amended) A washing machine in accordance with Claim 8 wherein said controller ~~opens second pressure sensor generating the intermediate fill signal to open~~ said hot water valve ~~in response to the fill signal from said second pressure sensor~~ during a warm fill operation.

11. (original) A washing machine in accordance with Claim 6 wherein said first and second pressure sensors are independent.

12. (original) A washing machine in accordance with Claim 6 wherein said first and second sensors comprise a single sensor having multiple trip points.

13. (withdrawn) A method for controlling a washing machine during a hot water fill cycle, the washing machine including a hot water valve, a cold water valve, a first pressure sensor sensing a full fill condition, and a second pressure sensor sensing a predetermined intermediate fill condition, said method comprising:

setting a default mix ratio for the hot and cold water valves based on a desired warm water fill temperature;

starting the fill with the hot and cold valves at the default mix ratio;

closing the cold valve when the intermediate fill condition is reached;

continuing the fill with the hot valve opened until a full fill condition is reached, then closing the hot valve.

14. (withdrawn) A method for controlling a washing machine during a hot water fill cycle, the washing machine including a hot water valve, a cold water valve, a first pressure

sensor sensing a full fill condition, and a second pressure sensor sensing a predetermined intermediate fill condition, said method comprising:

setting a default mix ratio for the hot and cold water valves based on a desired warm water fill temperature;

starting the fill with the hot valve open;

setting the hot and cold valves to the default mix ratio when the intermediate fill condition is reached; and

continuing the fill until the full condition is reached, and then closing all valves.

15. (withdrawn) A method for controlling a washing machine during a warm water fill cycle, the washing machine including a hot water valve, a cold water valve, a first pressure sensor sensing a full fill condition, and a second pressure sensor sensing a predetermined intermediate fill condition, said method comprising:

setting a default mix ratio for the hot and cold water valves based on a desired hot water fill temperature;

starting the fill with the hot and cold valves at the default mix ratio;

closing the hot valve when the intermediate fill condition is reached; and

continuing the fill with the cold valve open until a full fill condition is reached, then closing the cold valve.

16. (canceled)

17. (currently amended) A temperature control for a washing machine, the washing machine including a tub, a hot water valve, and a cold water valve, said temperature control comprising:

a first pressure sensor positioned to sense a full fill level in said the tub and configured to generate a full fill signal when the tub is full;

a second pressure sensor positioned to sense an intermediate fill level, the intermediate fill level less than the full fill level and corresponding to an adjustment level in

said the tub [[and]], said second pressure sensor configured to generate an intermediate fill signal when the intermediate fill level is reached; and

    said hot water valve and said cold water valve operatively coupled to said first pressure sensor and said second pressure sensor, at least one of said hot water valve and said cold water valve actuated based on the fill signals generated by said first pressure sensor and said second pressure sensor to control a wash water temperature.